

TWO ORCHIDS FROM HAITI

BY

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MR. L. R. HOLDRIDGE, a keen collector of the flora of Haiti, has communicated the two orchids mentioned below, along with an excellent collection of others.

Lepanthes purpurata *L. O. Williams sp. nov.*

Herbae parvae, caespitosae, epiphyticae, usque ad ca. 5.5 cm. altae. Folia late elliptica, ovata vel late ovata, obtusa vel breviter acuminata. Sepalum dorsale lanceolatum vel triangulari-lanceolatum, acuminatum. Petala bilobata. Labellum trulliforme, emarginatum, obtusum, basi auriculatum.

Small, caespitose, epiphytic herbs up to about 5.5 cm. tall. Secondary stems up to about 3.5 cm. long, slender, with three to five infundibuliform sheaths which disintegrate with age, the sheaths with several prominent nerves which are hispid-pubescent. Leaves 1–2.2 cm. long and 0.5–1.2 cm. broad, broadly elliptic to ovate or broadly ovate, obtuse to shortly acuminate, subciliate, contracted into a very short petiole at the base. Inflorescence consisting of one or more short, distichous, few-flowered racemes, shorter than the subtending leaves. Sepals shortly connate at their bases. Dorsal sepal 4.5–5 mm. long and 2–3 mm. broad, lanceolate to triangular-lanceolate, acuminate, 3-nerved. Lateral sepals 4–4.5 mm. long and 1.5–2.5 mm. broad, broadly lanceolate to ovate-lanceolate, acuminate, connate to the middle. Petals bilobed, the lobes transverse, about 0.5 mm. long and 3.5 mm. broad; anterior lobe linear-oblong, obtuse, about 1.5 mm. broad; posterior lobe similar to the anterior, about 2 mm. broad, subsigmoid. Lip about 1.2 mm. long and

1 mm. broad, trulliform, emarginate, obtuse, 3-nerved, obscurely auriculate on the basal angles, claw adnate to the column.

HAITI: epiphyte, near Petite Source, Morne des Commissaires, leaves purple beneath, flowers yellow with red center, altitude 1450 m., May 1, 1942, *Holdridge 1173*; epiphyte on hardwood trunks, Guimbi Galata, Morne des Commissaires, leaves dull green above, deep dull purple below, altitude 1800 m., *Holdridge 1293* (TYPE in Herb. Ames).

Lepanthes purpurata is most nearly allied to *L. quadrata* Fawc. & Rendle. It is easily distinguished, however, by the emarginate, obscurely auriculate lip, by the broader leaves and by the longer inflorescence.

Cattleyopsis Holdridgei *L. O. Williams nom. nov.*

Epidendrum roseum Schlechter in Urban Symb. Antill. 7 (1913) 497; Correll in Bot. Mus. Leaflet Harv. Univ. 10 (1941) 48, non Gérard 1848.

Cattleyopsis rosea Mansfeld in Ark. Bot. 20A (1926) 17.

HAITI: epiphytic, near Petite Source, Morne des Commissaires, altitude 1450 m., May 1, 1942, *Holdridge 1174*.

This species must be retained in *Cattleyopsis* if that genus can be maintained. Mansfeld points out that the plant is a *Cattleyopsis*: "Da ferner acht etwas ungleiche Pollinien vorhanden sind (am Original fehlen die Antheren), gehört die Pflanze unzweifelhaft zu *Cattleyopsis*." Correll returned it to *Epidendrum*, without comment, in his study of this and two allied genera.

The name *Cattleyopsis rosea*, being based on a homonym, must be replaced. It is a pleasure to rename this attractive plant for Mr. L. R. Holdridge.